

DIAMONT Basecoat Line

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Basecoat for basecoat / clearcoat systems

Application:	Basecoats for repairing automotive basecoat-clearcoat finishes (metallic, pearl effect and solid colors)
Remarks:	New mixing bases must be stirred manually before use and additionally for 15 minutes in the mixing machine. Stir all products stored in the mixing machine twice a day for 15 minutes. In higher temperatures, the use of BC 030 thinner is recommended. Please note: when a film thickness of more than 35 µm is required (more than 4 spraycoats, e.g. in the case of multi-color finishes), it is necessary to add 5% of H 9000 hardener to the basecoat.

Solid Content	21 - 38 ± 2 %
Storage temperature	5-45 °C
Shelf life	60 months



Cleaning

Clean with PK 700 or PK 2000. Sand with P400 (sanding filler and well-cured solvent-resistant old paintwork). Clean with PK 700 or PK 2000. Alternative: apply to R-M wet-on-wet filler or sealer.

Safety advice:

It cannot be ruled out that this product contains particles < 0.1 µm.
The products are suitable for professional use only.

For the use of this product please adhere to the actual safety recommendations and the personal protective equipment.
The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our products, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the products for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights etc. given herein are for general information purpose only; they may change without prior information and do not constitute the agreed contractual quality of the products (product specification). The latest version supersedes all previous versions. You can obtain the latest version from our website at www.rmpaint.com or directly from your sales partner. It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed.

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Mixing Ratio

100 Parts by vol

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Thinner

60 Parts by vol

BC 020 (15°C – 25°C)
BC 030 (>25°C)



Spray viscosity at 20°C DIN 4: 14-15 s

ISO 4: 22-25 s

Potlife at 20°C

24 h



HVLP spray gun



Compliant gravity-feed spray gun

Application pressure

2 bar

Nozzle pressure

0.7 bar

Nozzle size

1.3-1.5

1.3-1.4

Number of spray coats

Solid colors: 2 (15-20 µm)
Metallic and pearl effect colors: 2 + 1 to match effect (15 µm)

Flash off at 20°C

5 min

Remark

After the flash-off, apply R-M clear wet on wet.

Please note: For automotive refinish, repair instructions of vehicle manufacturers, in particular regarding installed sensor technology, must always be observed in addition to the processing instructions given within this document.

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